

NG EOLO

Ultra High purity Nitrogen generator

The High purity NitroGen series **NG EOLO** produce laboratory high grade nitrogen for most of the laboratory applications and equipments. Designed with safety and convenience in mind, this system generates purified nitrogen, eliminating the need for inconvenient cumbersome high-pressure gas cylinders.

The HG EOLO removes oxygen from air to less than 10 ppm and HC pollutants to less than 0.1ppm (if the optional scrubber is installed, **F** models). The typical flows are: 500 Nml/min, 750 Nml/min, 1400 Nml/min and 4000Nml/min. The NG EOLO is available with a smart low noise scroll compressor or can be used with an external compressed air source.

The Ultra Pure Nitrogen is mainly used to feed ICP, ELSD, GC, FTIR and is ideal as nitrogen gas supply for all kind of Laboratory and Chromatography applications.

- Easy use and installation
- Purities up to 99.999 %
- Pressure up to 5 bar
- Flow rate up to 4 L/min
- No maintenance
- Reduced foot print
- CH₄ oven scrubber option
- Wall or bench mounting



Smart **Gas** Generators



Specifications

Models: NG EOLO	500 (F)	700 (F)	1400 (F)	4000 (F)
N2 outlet				
Flow rate (Max)	500 ml/min	700 ml/min	1400 ml/min	4000 ml/min
Outlet pressure (Max)	Air Inlet pressure – 2 bar			
Nitrogen purity	99.999%	99.999%	99.9%	98.00%
Outlet Dew-point	<-60°C (-76°F)			
Outlet particulate	0.01 micron			
Hydrocarbon	<0.1 ppm (with the catalytic option installed: F version)			
Air inlet				
Air inlet requirement	Particulate: <1 micron Dewpoint: < -20°C (-4°F) Oil: <0.01 mg/m ³			
Flow rate (max)	8 l/min	10 l/min	17 l/min	35 l/min
Supply pressure (min; Max)	6.5 bars (95 psi); 10 bars (145 psi)			
Recommended temperature	< 30°C (86°F)			
Communication				
	RS485		Standard	
General data				
Supply rating	100-240Vac 50/60Hz			
Connection type	IEC320-C13			
Installation power (max)	240W (280VA)			
Fuse rating (5x20mm)	4A			
Net weight	<20 kg		<25 kg	
Dimensions (W x D x H) mm	400 x 200 x 365			
Connections				
Outlet port	1/4" Swagelock			
Inlet port	1/4" Swagelock			
Operating/storage conditions				
Temperature	5-25°C (41-77°F)			
Humidity (max, non condensing)	70.00%			
Noise	<25dB(A)			
IP rating	IP20			
Pollution degree rating	2 (with no aromatic compounds)			
Altitude	< 2000m			

Main applications

- ICP / ELSD
- GC / FTIR
- Incubators

Smart Gas Generators



LNI-GGI srl con socio unico
www.lni-swissgas.eu

Registered office: Via Sassoferato 1, 20135 Milano MI
Logistics centre: Via E. Mattei 9, 35038 Torreglia PD